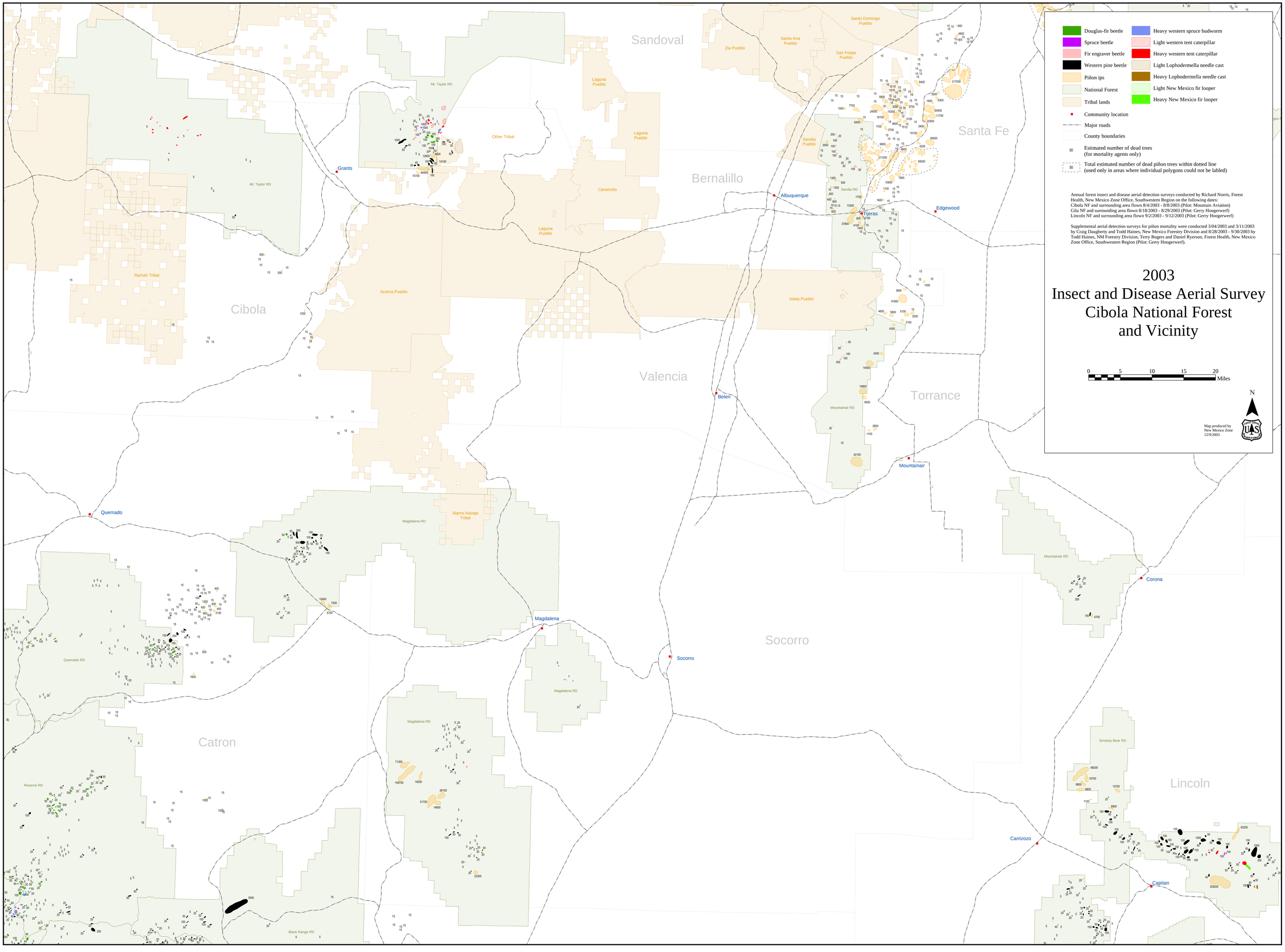
Sandoval
Bernalillo
Santa Fe
Valencia
Torrance
Cibola
Socorro
Catron
Lincoln
Grants
Albuquerque
Edgewood
Tijeras
Belen
Mountainair
Quemado
Magdalena
Socorro
Corona
Carrizozo
Capitan
Santo Domingo Pueblo
Santa Ana Pueblo
Zia Pueblo
San Felipe Pueblo
Sandia Pueblo
Laguna Pueblo
Canoncito
Isleta Pueblo
Acoma Pueblo
Ramah Tribal
Alamo Navajo Tribal
Other Tribal
Mt. Taylor RD
Sandia RD
Mountainair RD
Magdalena RD
Quemado RD
Reserve RD
Black Range RD
Smokey Bear RD
Douglas-fir beetle
Spruce beetle
Fir engraver beetle
Western pine beetle
Piñon ips
National Forest
Tribal lands
Heavy western spruce budworm
Light western tent caterpillar
Heavy western tent caterpillar
Light Lophodermella needle cast
Heavy Lophodermella needle cast
Light New Mexico fir looper
Heavy New Mexico fir looper
Community location
Major roads
County boundaries
Estimated number of dead trees (for mortality agents only)
Total estimated number of dead piñon trees within dotted line (used only in areas where individual polygons could not be labled)
Annual forest insect and disease aerial detection surveys conducted by Richard Norris, Forest Health, New Mexico Zone Office, Southwestern Region on the following dates:
Cibola NF and surrounding area flown 8/4/2003 - 8/8/2003 (Pilot: Mountain Aviation)
Gila NF and surrounding area flown 8/18/2003 - 8/29/2003 (Pilot: Gerry Hoogerwerf)
Lincoln NF and surrounding area flown 9/2/2003 - 9/12/2003 (Pilot: Gerry Hoogerwerf)
Supplemental aerial detection surveys for piñon mortality were conducted 3/04/2003 and 3/11/2003 by Craig Daugherty and Todd Haines, New Mexico Forestry Division and 8/28/2003 - 9/30/2003 by Todd Haines, NM Forestry Division, Terry Rogers and Daniel Ryerson, Forest Health, New Mexico Zone Office, Southwestern Region (Pilot: Gerry Hoogerwerf).
2003
Insect and Disease Aerial Survey
Cibola National Forest
and Vicinity
0 5 10 15 20
Miles
N
Map produced by
New Mexico Zone
12/9/2003